

IN THE CLAIMS

Claim 1 (currently amended) An electrical diffuser which includes a heating element embodied as an electrical resistor, arranged to supply heat to at least one of a solid product pill and a container of a liquid product, so that the heat generated by said heating element causes evaporation or sublimation of at least one of the solid product pill and the liquid product, further including:

an electronic switch automatically operated by a light sensor, so that each of an electrical connection and an electrical disconnection to the operation of the heating element depends on an ambient light intensity and is independent of time.

Claim 2 (currently amended) The electrical diffuser claimed in claim 1, characterised in that the electronic switch closes the power supply circuit of the heating element when a predetermined certain value of the ambient light intensity is exceeded.

Claim 3 (currently amended) The electrical diffuser as claimed in claim 1, characterised in that the electronic switch closes the power supply circuit of the heating element when the ambient light intensity is less than a predetermined certain value.